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HOME ECONOMICS RESEARCH AT LAND-GRANT INSTITUTIONS, 1932-1933

Contents.

1. List of projects begun or revised since November 1, 1931, with project leaders, cooperation, and source of financial support.
2. List of references to published reports from November 1, 1931, to November 1, 1932, on home economics research receiving Federal support through the State agricultural experiment stations.

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NEW AND REVISED PROJECTS^{1/}

ARIZONA

The vitamin B and G content of certain Arizona foods--raw and cooked grapefruit pulp and peel and broccoli--leaf, skin, and flower. G. H. Roehm. (State).

CALIFORNIA

The effect of methods of drying on the vitamin content of fruits. Revised to include three varieties of figs. A. F. Morgan, P. F. Nichols [Horticulture], and A. Field. (Purnell and State).

The effect of vitamin D and parathyroid extract upon the Ca and P balances and bone composition of rats fed a normal diet. E. F. Bell with A. F. Morgan (Departmental).

The effect of level of yeast intake upon lactation in rats. C. Sherwood with A. F. Morgan and K. S. Bishop (Departmental).

The vitamin B value of wheat products as shown by rat and pigeon technique. M. Hunt with A. F. Morgan (Departmental).

A new method for allantoin in dog urine. G. Emerson (Departmental).

The effect of amino-acid additions upon the loss of biological value in heated casein. E. O. Greaves with A. F. Morgan (Departmental).

The effect of autoclaving upon the biological value of meat. G. Kern with A. F. Morgan (Departmental).

COLORADO

The baking of flour mixtures at high altitudes. Part II, Physico-chemical factors. Revised. 8/15/32. M. K. Allison and M. A. Barmore. (Purnell).

^{1/} For other active projects see list of 1931-32.

() = Source of financial support.

[] = Cooperating department or agency.

CONNECTICUT-STORRS

Factors that determine standards of living in farm homes. (c) The cost and adequacy of the food consumed by farm families in Connecticut in 1929 compared with 1932. 8/22/32. E. V. W. Clapp and B. C. Drake. (Purnell).

FLORIDA

A study of lecithin synthesis in hens on a vitamin A and lipoid-free diet. 7/23/32. O. D. Abbott. (Purnell).

A study of the changes which occur in the hematopoietic tissues of rats on a vitamin A-free diet. 7/23/32. O. D. Abbott. (Purnell and State).

Cold storage studies in citrus fruits. A. F. Camp [Horticulture], L. W. Gaddum, and A. L. Stahl [Horticulture]. (Purnell).

A study of the chemical composition of the ash of Florida fruits and vegetables with reference to the more unusual constituents. L. W. Gaddum and L. Rogers. (Purnell).

A study of methods for preventing rancidity in pecans, with special reference to methods which may be used in the home.

A study of anemia in children in the "salt sick" areas of the State.

The relation of maturity and storage to the vitamin C content of citrus fruits.

The relation of vitamin A to learning. [Cooperative with Psychology].

The relation of learning to thyroid activity as measured by basal metabolism. [Cooperative with Psychology].

GEORGIA

The vitamin content of widely used Georgia foods. Revised to include the vitamin B content of Purple Top Globe variety of turnip and the vitamin B and C content of the Porto Rico variety of sweetpotatoes with a study of the effect of boiling, baking, and seasonal variations. C. L. Newton (Purnell).

Utilization of fruits and vegetables and their by-products [Horticulture]. 6/4/25. As a home economics phase, the utilization of frozen peaches. L. Ascham and R. Tucker. (Purnell and State).

A study of home refrigeration by ice and mechanical methods. B. M. G. Danner. Division of Home Economics, Georgia State College of Agriculture. [Division of Agricultural Engineering]. (State).

HAWAII

The iodine content of Hawaiian foods. L. N. Bilger. (Territorial and Hatch).

IDAHO

The vitamin G content of the Idaho Russet Burbank potato. 3/1/32. E. Woods. (Purnell).

The vitamin A content of pasture grasses. E. Woods.

ILLINOIS

The factors that influence bone calcification. I, The role of lactose in mineral metabolism. 2/2/32. J. P. Outhouse, J. Smith, and I. Jacobs. (Purnell).

ILLINOIS (cont.)

Growth and development. I, The metabolic and structural changes which occur incident to dietary stunting and to subsequent realimentation.

6/11/32. J. P. Outhouse and I. Jacobs. (Purnell).

The use of the paired-feeding method in the quantitative determination of vitamin D. J. Outhouse and L. M. Merritt. (Departmental).

Studies on carotene. H. N. Holmes [Oberlin University], C. R. Meyer, and I. Jacobs. (Departmental).

Gelation of egg sols. S. Woodruff and J. M. Smith. (Departmental).

Hemicelluloses of edible plants. S. Woodruff and F. B. Duffey. (Departmental).

IOWA

The deterioration of weighted silk under the conditions of acidity, alkalinity, and salinity to which fabrics are subjected in service of maintenance. 10/28/32. R. Edgar. [Chemistry]. (Purnell).

The influence of sex upon the quality and palatability of beef. [Cooperative with Animal Husbandry]. (Purnell).

The biological value of different levels of meat scrap and milk combinations for egg production and influence of rations and management on egg quality and egg size. [Cooperative with Poultry Husbandry].

The relationship of the physical and chemical characteristics and constants of lard to its culinary value. [Cooperative with Chemistry and Animal Husbandry].

The effects of mechanical and dry cleaning upon furs. K. Cranor. (State).

The effect of shoes upon feet of preschool and elementary school children. K. Cranor. (State).

Energy consumption and air circulation in some mechanical refrigerators. L. J. Peet and B. Schuchart. (State).

The thickness of sheet aluminum as a factor in influencing the thermal efficiency of a utensil used in surface cookery on an electric range. L. J. Peet and V. E. Sater. (State).

Determination and utilization of retained heat in electric range ovens. L. J. Peet and G. B. Martin. (State).

KANSAS

The vitamin content of foods relating to human nutrition. Subproject 2. Determinations of the vitamin content of foods. Phase B. A quantitative study of the vitamin A content of cherries and peaches. Phase E. An investigation of the B (B_1) content of milling products of cereals. Revised 4/6/32. M. Kramer and R. McCammon. (Purnell).

The utilization of calcium and phosphorus from various forms of milk products. Subproject 4. A study of the utilization of calcium and phosphorus from various types of cheese. Revised 4/6/32. M. Kramer and R. McCammon. (Purnell).

The protective value of certain clothing fabrics against heat loss from the body--blanket materials. Revised 4/6/32. M. M. Justin, K. Hess, and E. Bruner. (Purnell).

New and Revised Projects.

KANSAS (cont.)

An investigation of the effect upon the animal body of varying the amount of vitamin in the diet. Subproject 1. The effect upon the animal body of varying the amount of vitamin C in the diet with special reference to reproduction and the development of the embryo. 4/6/32. M. Kramer and M. T. Harman [Zoology]. (Purnell).

Dietary studies of Kansas fitter families.

Factors affecting the cooking qualities of cakes.

The development of motor abilities of preschool children. H. W. Ford.

The effect of light and moisture on the silk fiber, weighted and unweighted. E. Bruner.

The effect of light on the silk fiber, weighted and unweighted. E. Bruner.

The effect of light and perspiration upon the structure of silk fiber, weighted and unweighted, as determined by X-ray. E. Bruner.

Food costs in certain fraternity and sorority dining rooms. B. B. West.

MAINE

The economic utilization of electricity in food preparation in Maine rural homes. Revised 8/29/32. (1) The relation of size, shape, materials, and other qualities of utensils to their efficiency in electrical cooking. (2) The management of food preparation processes to secure economy and palatability of product with electrical cooking equipment. L. Smith, M. M. Monroe, and M. D. Sweetman. (Purnell and State).

The factors affecting the cooking quality of potatoes. Revised 8/29/32. (1) The effect of disease on the culinary properties of potatoes. (2) The relation of internal composition and physical structure of the potato to mealiness. M. D. Sweetman. (Purnell).

MARYLAND

Cake and biscuit-making qualities of several varieties of Maryland wheats. C. Welch. (Departmental).

MICHIGAN

A study of changes in standards of consumption during a period of depression. 6/17/32. I. H. Gross and J. Pond. (Purnell).

Study of the vitamin content of canned strained vegetables. F. Hanning and M. Dye. (Fellowship grant).

MINNESOTA

A study of the quality and quantity of juice in cooked meat. 6/9/32. A. M. Child. (Purnell).

The effect of coffee on nitrogen balance. R. Harrer and J. M. Leichsenring. (Departmental).

The effect of coffee on phosphorus balance. Sister M. G. Reidner and J. M. Leichsenring. (Departmental).

Studies of consumer choices in the purchase of textile products. 1. A survey of purchasing habits in the selection of silk street dresses. A. Sewell and E. L. Phelps. 2. A survey of purchasing habits in the selection of silk yard goods. E. Anderson and E. L. Phelps. (Departmental).

MISSOURI

Influence of methods of handling foods on their vitamin content. Revised 8/13/32. A. Vitamin A, B, G, and D content of light, medium, and dark egg yolks. B. Bisbey and S. Cover. (Purnell).

MONTANA

Food preservation. I, Vegetables (cabbage). Revised. J. E. Richardson and H. Mayfield. (Purnell).

The vitamin content of vegetables in winter storage (vitamins B₁ and C in cabbage). Revised. J. E. Richardson and H. Mayfield. (Purnell).

NEBRASKA

The effect of pleasurable experiences on children's color preferences. R. Staples. (State).

Factors influencing the sleep of young children. R. Staples and A. Anderson. (State).

Children's preferences for colored lights. R. Staples and W. E. Walton. (State).

Vitamin G content of fresh and cured ham. R. Gibbons, M. Peters, and R. Sperry. (State).

A study of the long run demand for silk in apparel as influenced by certain economic and social developments during the past 40 years. G. Morton and E. Cline. (State).

NEW YORK-CORNELL

A study of variations in retail prices of given articles in the same city on the same day. 7/28/32. D. Monroe and L. Doman. (Purnell and State).

A study of certain research methods for dietary studies suggested by the nutrition study made in connection with Project 3. 12/1/31. H. Monsch and N. L. B. Morey. (Purnell and State).

A statistical study of prenatal and infant feeding records and the health, growth, and development of some 500 Ithaca babies. 7/28/32. H. Monsch and D. McA. Maughan. (Purnell and State).

A study of infant feeding practices and the physical and mental development of students in the College of Home Economics. 7/28/32. H. Monsch. (Purnell and State).

A study of the use of standard grades and other specifications as to quality and quantity in household buying. 7/28/32. D. Monroe and M. Gunselman. (Purnell and State).

Budgets for pre-school children. M. Dixon. (Departmental).

Food likes and dislikes of pre-school children. I. McLeod. (Departmental).

Analysis of behavior of pre-school children from five minute samplings of recorded behavior. M. Robinson. (Departmental).

Guidance procedures used in helping parents meet their sleep problems with pre-school children. E. Tasker. (Departmental).

A study of actual dietaries of some natives of India. C. Wiser. (Departmental).

The function of the practice house in home economics education. A. Sowers. (Departmental).

Housing of rural families. R. Palmer. (Departmental).

NORTH DAKOTA

Cleaning equipment. Wearing quality of brooms. Revised. E. Latzke. (Purnell).

The vitamin A, B, and G content of Buttercup squash. 8/9/32. E. Latzke, F. W. Christensen [Animal Husbandry], and A. F. Yeager [Horticulture]. (Purnell).

Canning and preserving North Dakota vegetables and small fruits. 1. Cooking qualities of frozen corn. 2. Jellies and preserves from native North Dakota fruits (gooseberries, pin cherries, ground cherries, sand cherries, June berries, buffalo berries, and highbush cranberries). E. Latzke and B. Emmons. (State).

RHODE ISLAND

A study of the food habits of children of school age from 6-16 years in rural Rhode Island. 4/7/32. M. Whittemore and B. M. Kuschke. (Purnell).

SOUTH CAROLINA

An economic study of food consumption of farm families in the South Carolina Piedmont. 12/3/31. A. M. Moser. (Purnell).

SOUTH DAKOTA

The influence of various grades of wool on some of the physical properties of flannel. 11/17/31. A. Halgrim. (Purnell).

TENNESSEE

Vitamin A contents of different varieties of sweetpotatoes. 7/11/32. F. L. MacLeod. (Purnell).

Vitamin G content of vegetables grown in Tennessee. Leaf lettuce, peas, cabbage, and sweetpotatoes. 7/11/32. F. L. MacLeod. (Purnell).

UTAH

The chemical and physical differences between soft-curd and hard-curd milk. 7/1/32. R. L. Hill, Human Nutrition. (Purnell).

WASHINGTON

The vitamin C content of Delicious apples before and after storage at 32° F. and 45° F. 9/15/32. E. Batchelder. (Purnell).

The vitamin C content of raw Jonathan apples in relation to that of Jonathan apples cooked after soaking in salt solution to remove oxygen. E. Batchelder. (Departmental).

The vitamin C content of frozen blackberries. E. Batchelder. (Departmental).

WEST VIRGINIA

Histology of bone growth in vitamin-deficient animals. 4/1/32. H. C. Cameron. (Purnell).

WISCONSIN

The vitamin A content of thick butter cookies. H. T. Parsons. (State).

WYOMING

Basal metabolism of college women at University of Wyoming. 5/5/32. E. J. McKittrick and E. J. Thiessen. (Purnell).

PUBLISHED REPORTS, 1931-32.

ALABAMA

Progress report in Alabama Sta. Rpt. 1931, pp. 49, 50.

Cobalt in plant ash, E. R. Bishop and M. Lawrenz. Science, 75 (1932), pp. 264, 265.

ARIZONA

Mottled enamel in Arizona and its correlation with the concentration of fluorides in water supplies, H. V. Smith and M. C. Smith. Arizona Sta. Tech. Bul. 43 (1932), pp. 287.

The cause of mottled enamel, M. C. Smith, E. M. Lantz, and H. V. Smith. Jour. Dental Research, 12 (1932), pp. 149-159.

The effect of fluorides in the diet on the chemical composition of the incisors of albino rats, M. C. Smith and E. M. Lantz. Abs. in Jour. Dental Research, 12 (1932), pp. 552-554.

Changes in the incisors of rats fed a vitamin A-deficient ration, M. C. Smith and E. M. Lantz. Abs. in Jour. Dental Research, 12 (1932), pp. 556, 557.

The concentration of fluorides in drinking water in its relation to the occurrence and severity of mottled enamel, M. C. Smith and E. M. Lantz. Abs. in Jour. Dental Research, 12 (1932), pp. 554-556.

ARKANSAS

Progress report in Arkansas Sta. Bul. 268 (1931), pp. 49, 50.

Avitaminosis, VI. Vitamin B lipemia versus inanition lipemia in the lactating rat and its nursing young, M. E. Smith and B. Sure. Proc. Soc. Expt. Biol. and Med., 29 (1931), pp. 158-160.

Dietary requirements for fertility and lactation, XXIV. Further studies on the specific effect of vitamin B on lactation, B. Sure and M. E. Smith. Jour. Nutrition, 5 (1932), pp. 147-153.

The specific effect of vitamin B on growth, B. Sure, M. C. Kik, and M. E. Smith. Jour. Nutrition, 5 (1932), pp. 155-162.

Avitaminosis, X. Further studies on the effect of vitamin B deficiency on lipid metabolism, B. Sure, M. C. Kik, and A. E. Church. Proc. Soc. Expt. Biol. and Med., 29 (1932), pp. 848-850.

Avitaminosis, IV. The effect of a deficiency of the vitamin B complex on the lipid metabolism and glycogen content of the liver of the albino rat, B. Sure and M. E. Smith. Arch. Int. Med., 49 (1932), pp. 397-408.

CALIFORNIA

Progress report in California Sta. Rpt. 1930-31, p. 108.

Recent studies of the vitamin A and C content of dried apricots and figs, A. F. Morgan, A. Field, and P. F. Nichols. Fruit Prod. Jour. and Amer. Vinegar Indus., 11 (1932), p. 304.

COLORADO

Progress report in Colorado Sta. Rpt. 1931, pp. 37, 38.

FLORIDA

Progress report in Florida Sta. Rpt. 1931, pp. 81-86.

FLORIDA (cont.)

General properties of some tropical and sub-tropical fruits of Florida, O. D. Abbott. Florida Sta. Bul. 237 (1931), pp. 32.

Type, variety, maturity, and physiological anatomy of citrus fruits as affecting quality of prepared citrus juices, A. F. Camp, H. P. Traub, L. W. Gaddum, and A. L. Stahl. Florida Sta. Bul. 243 (1932), pp. 56.

The pectin constituents of some citrus fruits, L. W. Gaddum. Abs. in Jour. Home Econ., 24 (1932), p. 926.

GEORGIA

Progress report in Georgia Sta. Rpt. 1931, pp. 48-50.

HAWAII

Progress report in Hawaii Sta. Rpt. 1931, pp. 28-30.

IDAHO

Progress report in Idaho Sta. Bul. 192 (1932), pp. 31, 32.

ILLINOIS

An instrument and a method for measuring the shortening action of fat, S. Woodruff. Abs. in Jour. Home Econ., 24 (1932), p. 927.

INDIANA

Progress report in Indiana Sta. Rpt. 1931, pp. 38-40.

IOWA

Progress report in Iowa Sta. Rpt. 1931, pp. 89-93.

KANSAS

Effect of certain human diets upon development and phosphorus content of albino rats, R. B. McCammon and M. Holman. Trans. Kansas Acad. Sci., 35 (1932), pp. 107, 108.

LOUISIANA

Progress report in Louisiana Sta. Bienn. Rpt. 1930-31, pp. 90-94.

MAINE

The relation of maturity, size, period in storage, and variety to the speed and evenness of cooking of potatoes, M. C. Lancaster and M. D. Sweetman. Jour. Home Econ., 24 (1932), 262-268.

MARYLAND

Progress report in Maryland Sta. Rpt. 1930-31, pp. XXIII, XXIV.

Farm homes and migration, M. Coffin. President's Conference on Home Building and Home Ownership. Tentative Rpt. Com. on Farm and Village Housing, 1931, Appendix VIII D (Mimeographed).

MASSACHUSETTS

Progress report in Massachusetts Sta. Bul. 280 (1932), p. 225.

MICHIGAN

Progress report in Michigan Sta. Rpt. 1931, pp. 287, 288.

The lack of correlation between anemia and pellagra-like symptoms in rats, N. Halliday. Science, 74 (1931), pp. 312, 313.

Effect of heat at varying concentrations of hydrogen ion on vitamin G (B_2) in protein-free milk, N. Halliday. Jour. Biol. Chem., 95 (1932), pp. 371-385; abs. in Michigan Sta. Quart. Bul. 14 (1932), pp. 293, 294.

Further evidence for the existence of a third vitamin B growth factor for the rat, probably vitamin B_4 , N. Halliday. Jour. Biol. Chem., 96 (1932), pp. 479-486; abs. in Michigan Sta. Quart. Bul. 16 (1932), p. 46.

MINNESOTA

Relationship of the farm home to the farm business, L. A. Studley. Minnesota Sta. Bul. 279 (1931), pp. 24.

Selection and use of pork cuts, A. M. Child. Minnesota Sta. Bul. 254 (1932), revised.

Blood regeneration studies, II. Observations on the blood of normal dogs with special reference to the measurement of volume, erythrocytes, leucocytes, and nitrogenous constituents, J. M. Leichsenring, H. H. Höning, S. M. Furnas, E. S. Foss, and M. V. Routt. Amer. Jour. Physiol., 99 (1932), pp. 391-397.

MISSISSIPPI

Progress reports in Mississippi Sta. Rpts. 1931, pp. 37-39; 1932, pp. 32-34.

Clothing and houselinen expenditures of 99 rural families of Mississippi during 1928-29, D. Dickins. Mississippi Sta. Bul. 294 (1931), pp. 39.

The value of vegetables in nutritional anemia, O. Sheets. Mississippi Sta. Press Circ. 430 (1932), p. 1.

The effect of feeding green leafy vegetables and cowpeas in nutritional anemia, O. Sheets. Abs. in Jour. Home Econ., 24 (1932), p. 928.

MISSOURI

Progress report in Missouri Sta. Bul. 310 (1932), pp. 39, 40.

MONTANA

Progress report in Montana Sta. Rpt. 1930, pp. 20, 21.

The quality of living in Montana farm homes--from farm accounts kept by forty families during the year 1929-30, J. E. Richardson. Montana Sta. Bul. 260 (1932), pp. 45 + XVI.

NEBRASKA

Progress report in Nebraska Sta. Rpt. 1931, pp. 22-24.

NEW HAMPSHIRE

The energy and the protein content of edible food waste and mixed meals in sorority and fraternity houses, F. G. Benedict and A. G. Farr. New Hampshire Sta. Bul. 261 (1931), pp. 35.

NEW MEXICO

Progress report in New Mexico Sta. Rpt. 1931, pp. 43-45.
Baked pinto beans, M. L. Greenwood. New Mexico Sta. Press Bul. 656 (1932), pp. 2.

NEW YORK (CORNELL)

Progress report in New York State College Home Econ. (Cornell) 1931, pp. 57-60.

The antiscorbutic vitamin in home-canned carrots, A. Spohn and A. Hunter. Jour. Agr. Research [U. S.], 43 (1931), pp. 1101-1108.

The antiscorbutic vitamin in the juice of home-canned tomatoes, A. Spohn. Jour. Agr. Research [U. S.], 43 (1931), pp. 1109-1113.

Low cost food for health, M. Henry and D. Monroe. Cornell Bul. for Homemakers, Bul. 236 (1932), pp. 10.

It pays to buy food wisely, D. Monroe and M. Henry. Cornell Bul. for Homemakers, Bul. 237 (1932), pp. 38.

NORTH DAKOTA

Progress report in North Dakota Sta. Bul. 256 (1932), pp. 21, 22, 39, 40.
Buttercup squash, its origin and use, A. F. Yeager and E. Latzke. North Dakota Sta. Bul. 258 (1932), pp. 17.

OHIO

Progress report in Ohio Sta. Bul. 497 (1932), pp. 145, 146.

Foods used by rural families in Ohio during a three-year period, H. McKay and M. A. Brown. Ohio Sta. Bul. 492 (1931), pp. 37.

The farm family's food, H. McKay. Ohio Sta. Bimo. Bul. 155 (1932), pp. 70-72.

Milk in the diets of young children, H. McKay. Ohio Sta. Bimo. Bul. 157 (1932), pp. 135-137.

The relation of price to the physical characteristics of some white cotton fabrics, M. Griffith and H. Strow. Ohio Sta. Bimo. Bul. 158 (1932), pp. 186-188.

The influence of laundering and exposure to light upon some wash silks used for outer garments, M. E. Griffith. Ohio Sta. Bul. 506 (1932), pp. 30.

Food used by preschool children during winter and spring, H. McKay and M. B. Patton. Abs. in Jour. Home Econ., 24 (1932), pp. 925, 926.

OKLAHOMA

Studies on the toxicity of gossypol, II. The effect of gossypol upon apparent digestibility of protein, fat, and carbohydrate and upon the absorption of glucose from the gastrointestinal tract of the rat, W. D. Gallup and R. Reder. Jour. Biol. Chem., 94 (1931), pp. 221-232.

OKLAHOMA (cont.)

Iron retention by women during pregnancy, C. M. Coons. *Jour. Biol. Chem.*, 97 (1932), pp. 215-226.

The diets of college women in relation to their basal metabolism, C. M. Coons and A. T. Schiefelbusch. *Jour. Nutrition*, 5 (1932), pp. 459-465.

OREGON

Requirements for work areas in the modern home, M. Wilson. The President's Conference on Home Building and Home Ownership. Tentative Rpt. Com. on Kitchen and Other Work Centers, Special Paper A (Mimeographed). See also The President's Conference on Home Building and Home Ownership--IX, Household Management and Kitchens. Washington, 1932, pp. 152-160.

RHODE ISLAND

Progress report in Rhode Island Sta. Rpt. 1931, pp. 53, 54.

Certain relationships of potash fertilization and varieties of potatoes to table value, M. Whittemore and B. M. Kuschke. *Rhode Island Sta. Bul.* 231 (1931), pp. 16.

SOUTH CAROLINA

Progress report in South Carolina Sta. Rpt. 1931, pp. 74-76.

SOUTH DAKOTA

Progress report in South Dakota Sta. Rpt. 1931, pp. 23, 24.

TENNESSEE

Progress report in Tennessee Sta. Rpt. 1931, pp. 34, 35.

New uses for the sweetpotato: Sweetpotato jelly, G. A. Shuey. *Tennessee Sta. Circ.* 43 (1932), pp. 2.

The vitamin A and B contents of the Nancy Hall sweetpotato, F. L. MacLeod, A. Talbert, and L. E. Toole. Abs. in *Jour. Home Econ.*, 24 (1932), pp. 928, 929.

TEXAS

Progress report in Texas Sta. Rpt. 1931, pp. 90-93.

UTAH

Progress report in Utah Sta. Bien. Rpt. 1930-31, pp. 59-62.

Soft-curd milk: Nature's food for infants, R. L. Hill. *Arch. Ped.*, 48 (1931), pp. 417-425.

Soft-curd or baby's milk, R. L. Hill. *Guernsey Breeders' Jour.*, 40 (1931), pp. 670, 671.

Family living expenditures, Summit County, Utah, 1930, E. Hayball and W. P. Thomas. (Agr. Econ.) *Utah Sta. Bul.* 232 (1931), pp. 31.

VERMONT

Progress report in Vermont Sta. Bul. 332 (1932), pp. 20, 21.

Standard of living on specific owner-operated farms, M. Muse. *Vermont Sta. Bul.* 340 (1932), pp. 54.

VIRGINIA

Progress reports in Virginia Sta. Rpt. 1928-31, pp. 60-62, 69-71.

WASHINGTON

Progress report in Washington Col. Sta. Bul. 260 (1931), pp. 36, 37.

The bactericidal effectiveness of home laundering methods for silk and rayon, E. H. Roberts. Washington Col. Sta. Bul. 265 (1932), pp. 24.

A new technique for the preparation of vitamin A-free casein, M. T. Potter. Science, 76 (1932), pp. 195, 196.

Human energy cost of various household tasks, I. Peeling potatoes, V. W. Swartz. Abs. in Jour. Home Econ., 24 (1932), pp. 924, 925.

WEST VIRGINIA

Progress report in West Virginia Sta. Bul. 244 (1931), pp. 45, 46.

Ferrous iodide as a substitute for vitamin A in rats, H. C. Cameron. Science, 76 (1932), pp. 18, 19.

WISCONSIN

Progress report in Wisconsin Sta. Bul. 421 (1932), pp. 18-21.

The effect on the toxicity of egg white of various heat treatments, H. T. Parsons. Abs. in Jour. Biol. Chem., 97 (1932), pp. XXX, XXXI.

The relation of housing to the rural standard of living, M. L. Cowles. The President's Conference on Home Building and Home Ownership. Tentative Rpt. Com. on Farm and Village Housing, 1931, Appendix VIII A (Mimeographed).

WYOMING

Progress report in Wyoming Sta. Rpt. 1931, pp. 32-35.